

**LEGISLATIVE SERVICES AGENCY  
OFFICE OF FISCAL AND MANAGEMENT ANALYSIS**

200 W. Washington, Suite 301  
Indianapolis, IN 46204  
(317) 233-0696  
<http://www.in.gov/legislative>

**FISCAL IMPACT STATEMENT**

**LS 7157**

**BILL NUMBER:** HB 1123

**NOTE PREPARED:** Feb 10, 2009

**BILL AMENDED:** Feb 9, 2009

**SUBJECT:** Various Traffic Matters.

**FIRST AUTHOR:** Rep. Cherry

**FIRST SPONSOR:**

**BILL STATUS:** CR Adopted - 1<sup>st</sup> House

**FUNDS AFFECTED:**    **GENERAL**  
                          **X DEDICATED**  
                          **FEDERAL**

**IMPACT:** State & Local

**Summary of Legislation:** (Amended) This bill: (A) requires that, after June 30, 2011, there must be: (1) a sign or in certain circumstances, a speed limit sign beacon, at or as near as practical to the point where a school zone begins, indicating the reduced speed limit for the school zone; and (2) a sign at the end of the school zone indicating the end of the school zone;

(B) requires the Department of Transportation (INDOT) to install a traffic signal at an intersection in the immediate vicinity of certain schools and private colleges and universities under certain circumstances;

(C) requires INDOT to illuminate the intersection of U.S. 40 and State Road 3 in Henry County and fund the costs of the illumination; and

(D) makes technical corrections.

**Effective Date:** July 1, 2009.

**Explanation of State Expenditures:** (Revised) (C) The estimated cost for illuminating the intersection of U.S. 40 and State Road 3 in Henry County is approximately \$22,360, as shown in the table below.

<b>Description</b>	<b>Estimated Cost</b>
(1) two lighting pole arms and luminaries \$2,500 each	\$5,000
(2) installation \$5,000 per pole and light	\$10,000
(3) conduit	\$4,000
(4) type 2 service point installation	\$3,000
(5) annual current for two lights	\$360
<b>TOTAL</b>	<b>\$22,360</b>

The fund affected is the state Highway Fund.

**Explanation of State Revenues:**

**Explanation of Local Expenditures:** (Revised) (A) Expenditures for signs will depend upon the number of school speed limit signs used for each school established. The proposal will require at least two signs for entering and exiting each school speed zone. Signs cost, on average, \$40. The cost for a speed limit beacon (solar flasher) is \$2,258, with installation costs about the same. Total cost for a speed limit beacon is estimated at approximately \$4,500.

(Revised) (B) Installation costs for a traffic signal are shown in the following table.

<b>Description</b>	<b>Estimated Cost</b>
(1) Signal strain poles	\$14,392
(2) Signal controller	\$11,071
(3) Concrete foundations	\$6,642
(4) Underground conduit	\$5,535
(5) Related equipment for detection	\$22,142
(6) Signal indications	\$8,857
(7) Various wire and electrical equipment	\$11,071
(8) Variety of items make up the additional cost	\$19,927
<b>TOTAL</b>	<b>\$99,637</b>

Annual maintenance cost is about \$1,660 per intersection. Typical energy costs to power the signal can range from \$500 per year per intersection for locations with LED signal heads to \$2,000 per year per intersection with incandescent signal heads.

The college or school corporation is responsible for the cost.

**Background Information:** Currently, there are 1,907 schools in the state.

If each school used two speed limit signs, the cost per school speed zone established would be \$80. Additional costs will occur for every speed limit beacon sign used. It is not known how many speed limit

beacon signs would be required.

**Explanation of Local Revenues:**

**State Agencies Affected:** INDOT.

**Local Agencies Affected:** Entities with the responsibility for signage; Henry County.

**Information Sources:** PEN PRODUCTS Department of Transportation sign sales for December 2007 to November 2008; Jim Poturalski, Chief Engineer, INDOT, 317-234-0410; General School Statistics for 2008.

**Fiscal Analyst:** James Sperlik, 317-232-9866; Chuck Mayfield, 317-232-4825.